

## § 56.01-1

### Subpart 56.60—Materials

- 56.60-1 Acceptable materials and specifications (replaces 123 and Table 126.1 in ANSI-B31.1).
- 56.60-2 Limitations on materials.
- 56.60-3 Ferrous materials.
- 56.60-5 Steel (High temperature applications).
- 56.60-10 Cast iron and malleable iron.
- 56.60-15 Ductile iron.
- 56.60-20 Nonferrous materials.
- 56.60-25 Nonmetallic materials.

### Subpart 56.65—Fabrication, Assembly and Erection

- 56.65-1 General (replaces 127 through 135.4).

### Subpart 56.70—Welding

- 56.70-1 General.
- 56.70-3 Limitations.
- 56.70-5 Material.
- 56.70-10 Preparation (modifies 127.3).
- 56.70-15 Procedure.
- 56.70-20 Qualification, general.

### Subpart 56.75—Brazing

- 56.75-5 Filler metal.
- 56.75-10 Joint clearance (reproduces 128.2.2).
- 56.75-15 Heating (reproduces 128.2.3).
- 56.75-20 Brazing qualification.
- 56.75-25 Detail requirements.
- 56.75-30 Pipe joining details.

### Subpart 56.80—Bending and Forming

- 56.80-5 Bending.
- 56.80-10 Forming (reproduces 129.2).
- 56.80-15 Heat treatment of bends and formed components.

### Subpart 56.85—Heat Treatment of Welds

- 56.85-5 Heating and cooling method (reproduces 131.1).
- 56.85-10 Preheating.
- 56.85-15 Postheat treatment.

### Subpart 56.90—Assembly

- 56.90-1 General.
- 56.90-5 Bolting procedure.
- 56.90-10 Threaded piping (reproduces 135.4).

### Subpart 56.95—Inspection

- 56.95-1 General (replaces 136).
- 56.95-5 Rights of access of marine inspectors.
- 56.95-10 Type and extent of examination required.

### Subpart 56.97—Pressure Tests

- 56.97-1 General (replaces 137).

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- 56.97-5 Pressure testing of nonstandard piping system components.
- 56.97-25 Preparation for testing (reproduces 137.3).
- 56.97-30 Hydrostatic tests (reproduces 137.4).
- 56.97-35 Pneumatic tests (replaces 137.5).
- 56.97-38 Initial service leak test (reproduces 137.7).
- 56.97-40 Installation tests.

AUTHORITY: 33 U.S.C. 1321(j), 1509; 43 U.S.C. 1333; 46 U.S.C. 3306, 3703; E.O. 12234, 45 FR 58801, 3 CFR, 1980 Comp., p. 277; E.O. 12777, 56 FR 54757, 3 CFR, 1991 Comp., p. 351; 49 CFR 1.46.

SOURCE: CGFR 68-82, 33 FR 18843, Dec. 18, 1968, unless otherwise noted.

### Subpart 56.01—General

NOTE: See § 50.15-10 for general adoption of standards of the ANSI (American National Standards Institute). The printing of portions of the “American National Standard Code for Pressure Piping, Power Piping,” ANSI-B31.1, is with the permission of the publisher, The American Society of Mechanical Engineers (ASME) International, Three Park Avenue, New York, N.Y. 10016-5990. The adoption of this standard ANSI-B31.1 for pressure piping and power piping is subject to specific limitations or modifications as described in this part. Those requirements in ANSI-B31.1 which are not referred to in this part are adopted without change. Table 56.01-5(a) sets forth a general reference to various paragraphs in ANSI-B31.1 which are limited, modified, or replaced by regulations in this part.

### § 56.01-1 Scope (replaces 100.1).

(a) This part contains requirements for the various ships’ and barges’ piping systems and appurtenances.

(b) The respective piping systems installed on ships and barges shall have the necessary pumps, valves, regulation valves, safety valves, relief valves, flanges, fittings, pressure gages, liquid level indicators, thermometers, etc., for safe and efficient operation of the vessel.

(c) Piping for industrial systems on mobile offshore drilling units need not fully comply with the requirements of this part but must meet Subpart 58.60 of this subchapter.

[CGFR 68-82, 33 FR 18843, Dec. 18, 1968, as amended by CGD 73-251, 43 FR 56799, Dec. 4, 1978]